

STRUCTURE NAME	EX1/3	EX2/3	EX11/2
STRUCTURE DESCRIPTION	STD IPWEAQ MANHOLE 600x600 GRATE SET WITH CONVERTER SLAB 1200mm DIA	DRAINWAY SYSTEM ON GRADE, L.L.L 2.4m KERB INLET CLASS (D) HINGED BIKESAFE GALV. GRATE ON TOP OF ROCLA (OR EQUIV.) CPO PIT SYSTEM CIRCULAR CHAMBER	STD IPWEAQ ACCESS CHAMBER 1500mm DIA

SHAFT/PIT BASE

IN FAVOURABLE GROUND CONDITIONS PROVIDE PRECAST CONCRETE ROCLA CPO PIT BASE (OR EQUIVALENT) TO SUIT SPECIFIED DIAMETER OF SHAFT UP TO 1200 DIA.

ALTERNATELY (OR EXCEEDING 1200 DIA) PROVIDE 250mm THICK CAST IN-SITU REINFORCED CONCRETE BASE, 2 LAYERS SL82 MESH ON 50MM THICK BLINDING CONCRETE

CONVERTER SLAB TABLE

SHAFT	OFFSET
1200	475
1350	550
1500	625
1800	775
2100	925

NOTE: PROVIDE DRAINWAY CONVERTER SLAB FOR CPO PITTS 1200Ø, 1500Ø, 1800Ø

PIPE / BOX SIZE (mm)
TYPE / CLASS

PIPE / BOX GRADE (%)
PIPE / BOX SLOPE (1 in X)

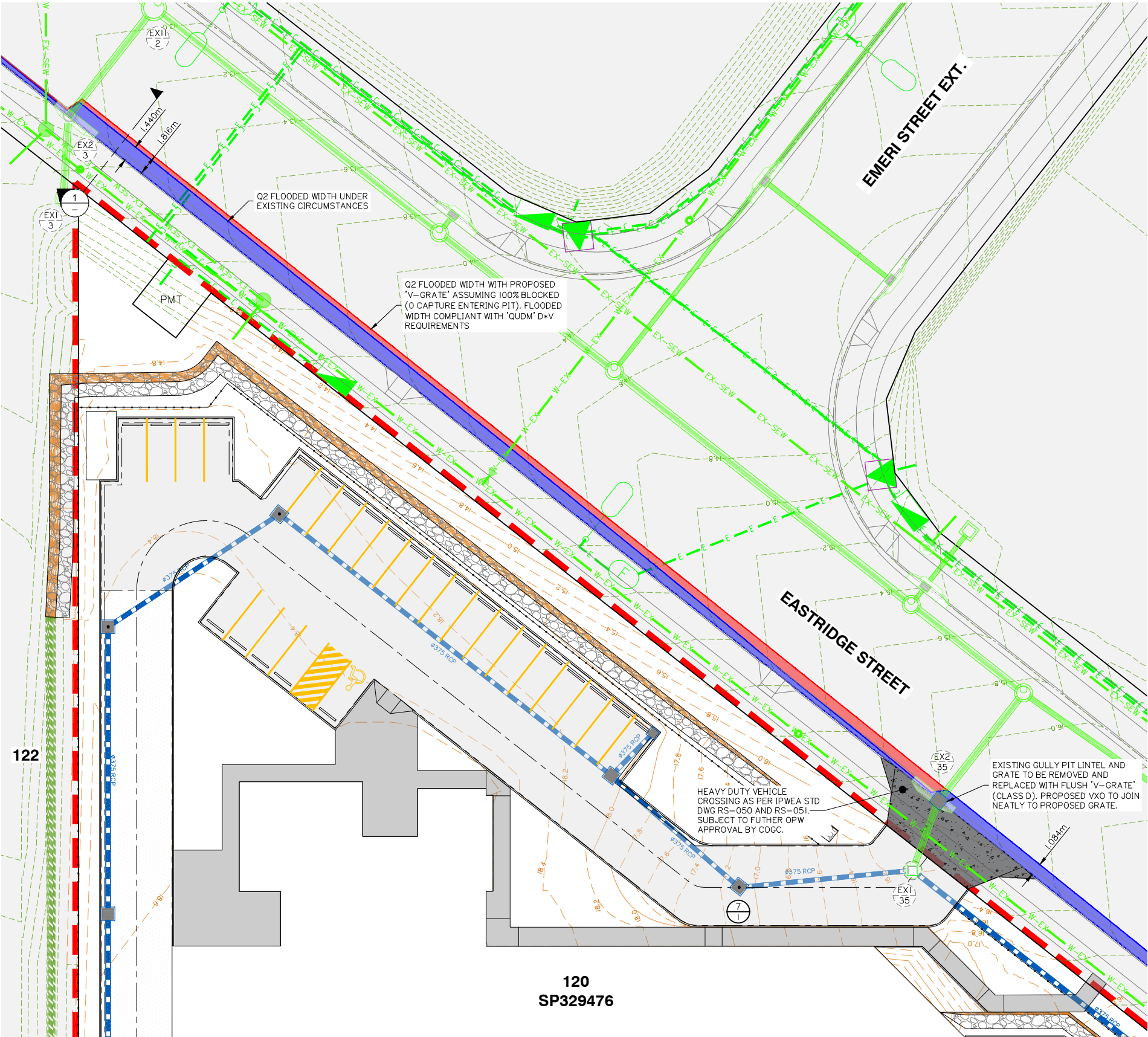
PIPE / BOX FLOW (cumecs) (39% AEP)
CAPACITY FLOW (cumecs)

PIPE / BOX FLOW VELOCITY (m/s)
CAPACITY FLOW VELOCITY (m/s)

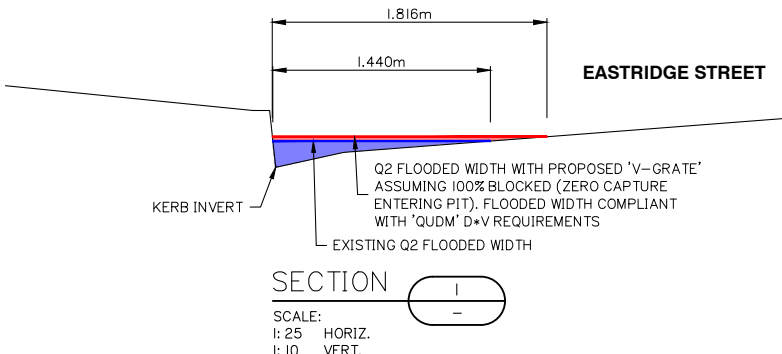
DATUM RL

HGL ELEVATION (39% AEP)	11.954	11.531	11.515	11.427	11.392	11.283
DEPTH TO INVERT	2.691	10.871	1.997	2.077	2.217	2.355
INVERT LEVEL OF DRAIN			10.841	10.761	10.707	10.569
FINISHED SURFACE LEVEL	13.562		12.838		12.924	
SETOUT COORDINATES	2381.944 E 6979.820 N		2378.839 E 6986.298 N		2380.779 E 6998.245 N	
CHAINAGES	0.000	6.245	7.262	10.936		

LINE3



LAYOUT PLAN
SCALE 1: 200



STORMWATER FLOODED WIDTH ANALYSIS

ISSUED FOR
CONSTRUCTION

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THIS DRAWING IS INTENDED TO BE PRINTED IN COLOUR. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES.

Drawing Title:
**STORMWATER FLOODED
WIDTH ANALYSIS**

B	20/03/25	CONTOURS UPDATED	JH	MG
A	29/01/25	ORIGINAL ISSUE	JH	MG
Rev	Date	Description	DRN	CHK
DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE. CULVERT AND PIPE SIZES IN MILLIMETRES			A1 UNREDUCED A3 REDUCED	

Scale:
0 4 8 12 16m
1:200 (A1) 1:400 (A3)

PROJECT NORTH POINT

Project No. 6181	
Designed: JH	Drafted: ML
Approved: MG	
RPEQ	16939
Signed:	
Date: 29/01/2025	
Drawing No: 6181 ENG CW 560	Revision B